LISTING OF THE CLAIMS

1. (Currently Amended) Dry powder inhaler, ~~(1) with~~ comprising:

a mouthpiece ~~(2)~~ for dispersing pharmaceutical drug formulations, ~~having~~

a Laval nozzle communicating with the mouthpiece,

a device for supplying a powder formulation in communication with the Laval nozzle,

an auxiliary energy source in the form of a pressure medium system in communication with the device for supplying the powder formulation ~~(3), with~~

wherein ~~a device for provisioning (6) of a powder formulation (7), whereby~~ upon activation of the pressure medium system, a gaseous pressure medium ~~(8)~~ is released ~~by the pressure medium system (3) forms~~ into the device for supplying the powder formulation, and forms an aerosol with the powder formulation ~~(7) an aerosol (9)~~ in such a way that the powder particles are present in dispersed form within the gaseous pressure medium ~~(8), characterized in that provided in the inhaler (1) is a~~ prior to entering the Laval nozzle, ~~(10) through which the aerosol (9) flows before~~ entering the mouthpiece, and leaving the inhaler ~~(1)~~.

2-6. (Cancelled)

7. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the narrowest cross section ~~(14)~~ of the Laval nozzle ~~(10)~~ is about 100 um to 1500 um.

8. (Cancelled)

9. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the pressure medium system ~~(3) exhibits~~ includes a pump that ~~is connected to the surroundings and~~ uses ambient air as the pressure medium ~~(8)~~.

10. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the pressure medium system ~~(3)~~ includes a cartridge that stores the pressure medium ~~(8)~~.

11. (Cancelled)

12. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 10, characterized in that air, N2, CO2, Ar, or He is provided as the pressure medium ~~(8)~~.

13. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the device for supplying~~provisioning (6) of~~ the powder formulation ~~(7)~~ is placed between the pressure medium system ~~(3)~~ and the Laval nozzle ~~(10)~~ in such a way that the pressure medium ~~(8)~~ must pass through the device ~~(6)~~.

14. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the device for ~~provisioning (6) of~~ supplying the powder formulation ~~(7)~~ comprises a capsule ~~(15)~~ filled with powder ~~(7)~~.

15. (Cancelled)

16. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the device for ~~provisioning (6) of~~ supplying the powder formulation ~~(7)~~ comprises a multidose blister container.

17. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, wherein the mouthpiece ~~(2)~~ comprises a flow rate sensor ~~(19)~~ that generates an input signal for the pressure medium system ~~(3)~~.

18. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, further comprising an inlet channel, whereby inhalation air is drawn in through the inlet channel, and whereby a swirling flow of the inhalation air is created between the outlet section ~~(12)~~ and the outlet of the mouthpiece ~~(2)~~.

19. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized

in that the Laval nozzle ~~(10)~~ and an inlet channel ~~(18)~~ for inhalation air are arranged in such a way that the aerosol flow leaving the Laval nozzle ~~(10)~~ and the inhalation air are directed in opposite directions ~~(Fig. 7)~~.

20. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 1, characterized in that the Laval nozzle ~~(10)~~ and an inlet channel ~~(18)~~ for inhalation air are arranged in such a way that the aerosol flow leaving the Laval nozzle ~~(10)~~ and the inhalation air collide with each other at an angle.

21. (Currently Amended) Dry powder inhaler ~~(1)~~ according to claim 18, characterized in that ~~the~~ a channel ~~(30)~~ that guides the aerosol flow and the inlet channels ~~(18)~~ for the inhalation air empty into a swirl chamber ~~(29)~~, whereby the aerosol ~~cloud~~ is directed from the swirl chamber ~~(29)~~ to the Laval nozzle ~~(10)~~ ~~(Fig. 6)~~.

22-34. (Cancelled)